

Figure 1

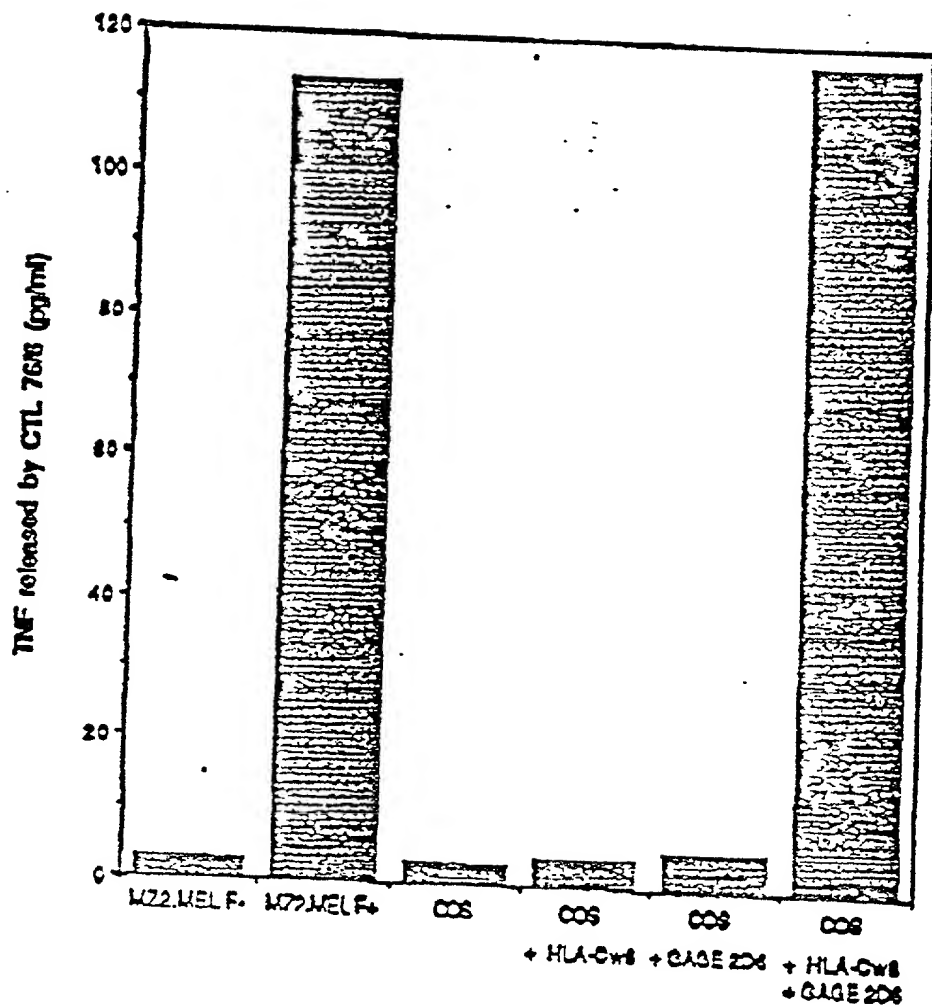


Figure 2

YRPRPRRY ●  
 TYRPRPRRY \*  
 YRPRPRRYV ◇  
 TYRPRPRRYV ○  
 RPRPRRYVE ▽  
 MSWRGRSTYRPRRR ◆

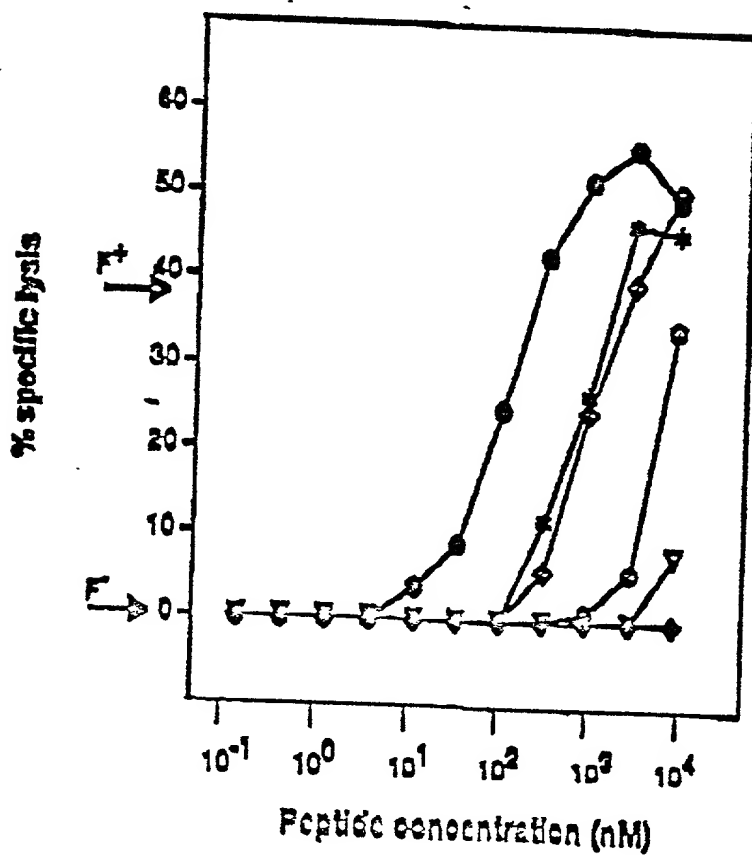


Figure 3



antigenic  
peptide

GAGE-1	MS-WRGSTLTPPRRYVQPEVI	GFMRPEQFSDEVLPATPEEGEPATQ	RQDPAAAQEGEGEGASAGQGPKPEA	7
GAGE-2	MS-WRGSTLTPPRRYVQPEVI	GFMRPEQFSDEVLPATPEEGEPATQ	RQDPAAAQEGEGEGASAGQGPKPEA	7
GAGE-3	MS-WRGSTLTPPRRYVQPEVI	GFMRPEQFSDEVLPATPEEGEPATQ	RQDPAAAQEGEGEGASAGQGPKPEA	7
GAGE-4	MS-WRGSTLTPPRRYVQPEVI	GFMRPEQFSDEVLPATPEEGEPATQ	RQDPAAAQEGEGEGASAGQGPKPEA	7
GAGE-5	MS-WRGSTLTPPRRYVQPEVI	GFMRPEQFSDEVLPATPEEGEPATQ	RQDPAAAQEGEGEGASAGQGPKPEA	7
GAGE-6	MS-WRGSTLTPPRRYVQPEVI	GFMRPEQFSDEVLPATPEEGEPATQ	RQDPAAAQEGEGEGASAGQGPKPEA	7
GAGE-1	DSQEQGHPTGCECEDGPDGQELVP	PNPEEVKTPPEEGEKQSQSQC-----	LLWQNCFLNLSPRKP	13
GAGE-2	ESQEQGHPTGCECEDGPDGQELVP	PNPEEVKTPPEEGEKQSQSQC-----	-----	11
GAGE-3	DSQEQGHPTGCECEDGPDGQELVP	PNPEEVKTPPEEGEKQSQSQC-----	-----	11
GAGE-4	DSQEQGHPTGCECEDGPDGQELVP	PNPEEVKTPPEEGEKQSQSQC-----	-----	11
GAGE-5	DSQEQGHPTGCECEDGPDGQELVP	PNPEEVKTPPEEGEKQSQSQC-----	-----	11
GAGE-6	DSQEQGHPTGCECEDGPDGQELVP	PNPEEVKTPPEEGEKQSQSQC-----	-----	11

Figure 5

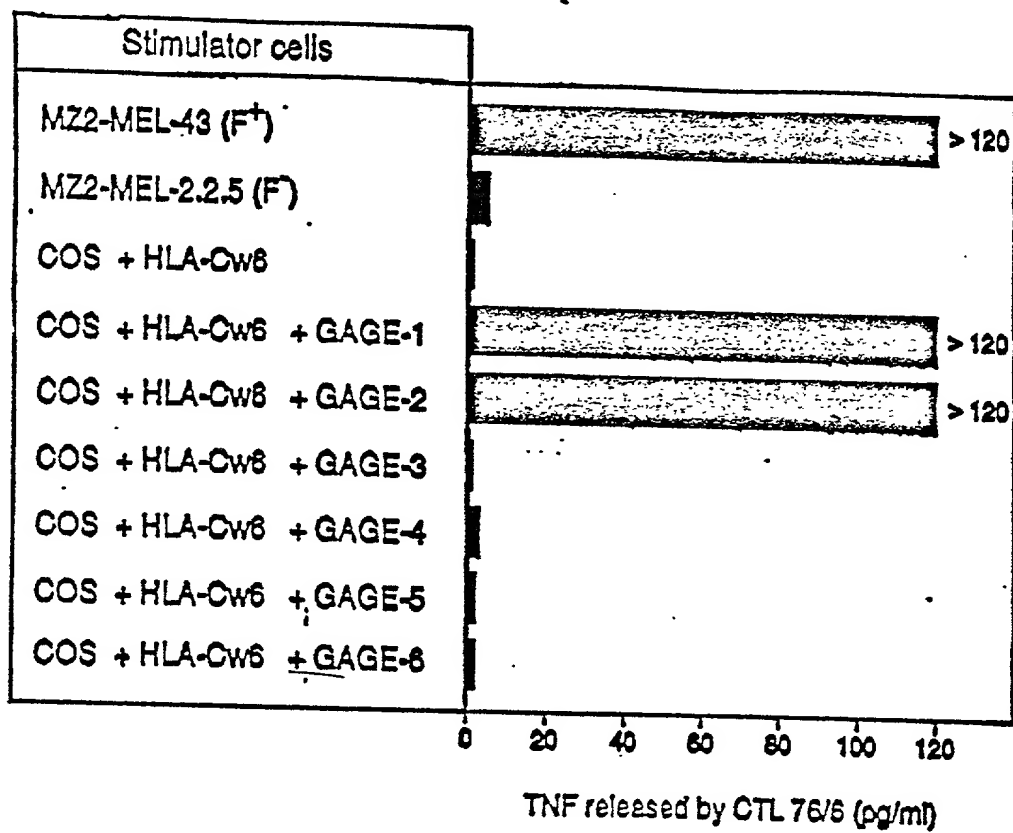


Figure 6

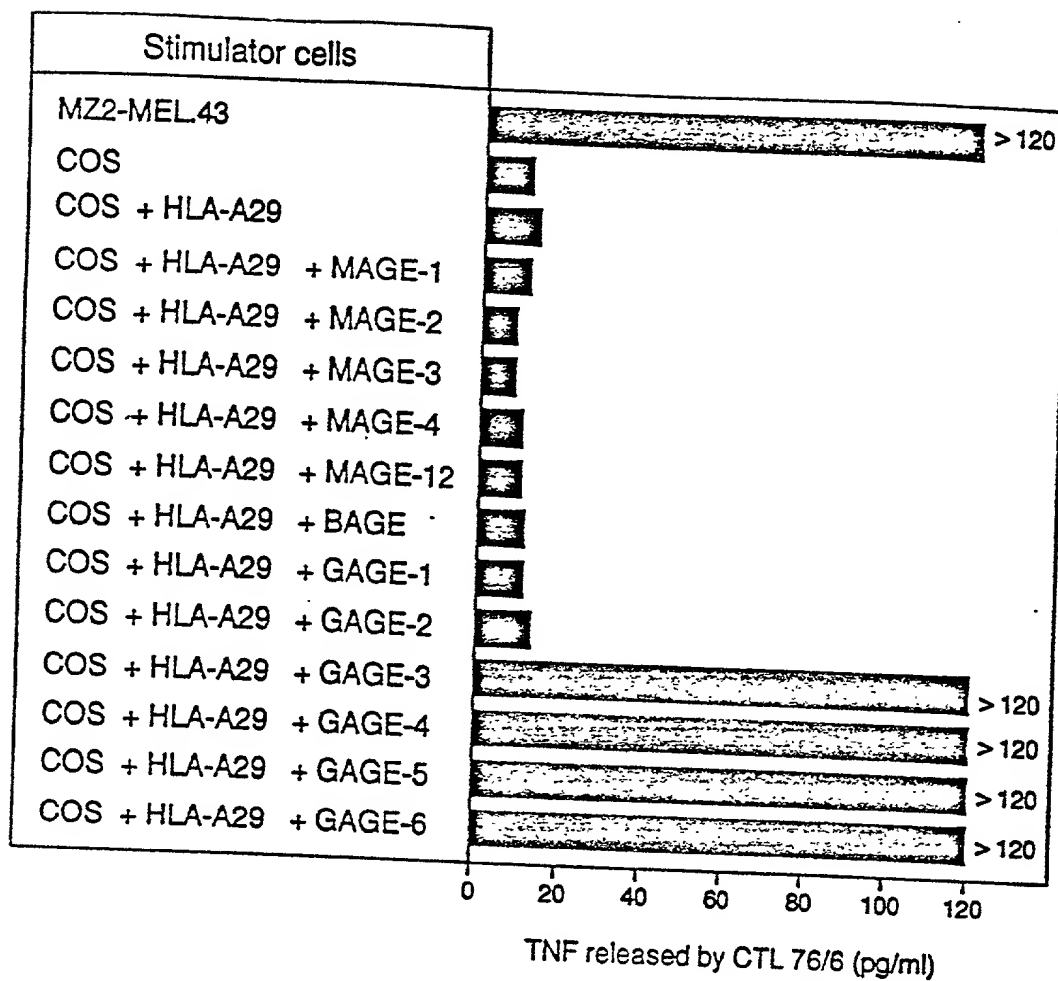


Figure 7. Stimulation of MZ2-CTL 22/23 by COS-7 cells transiently transfected with an HLA-A29 cDNA and MAGE, BAGE or GAGE cDNA. The CTL was added after 24 hours and the production of TNF was estimated 24 hours later. MZ2-MEL.43 was used as a positive control stimulator cell.

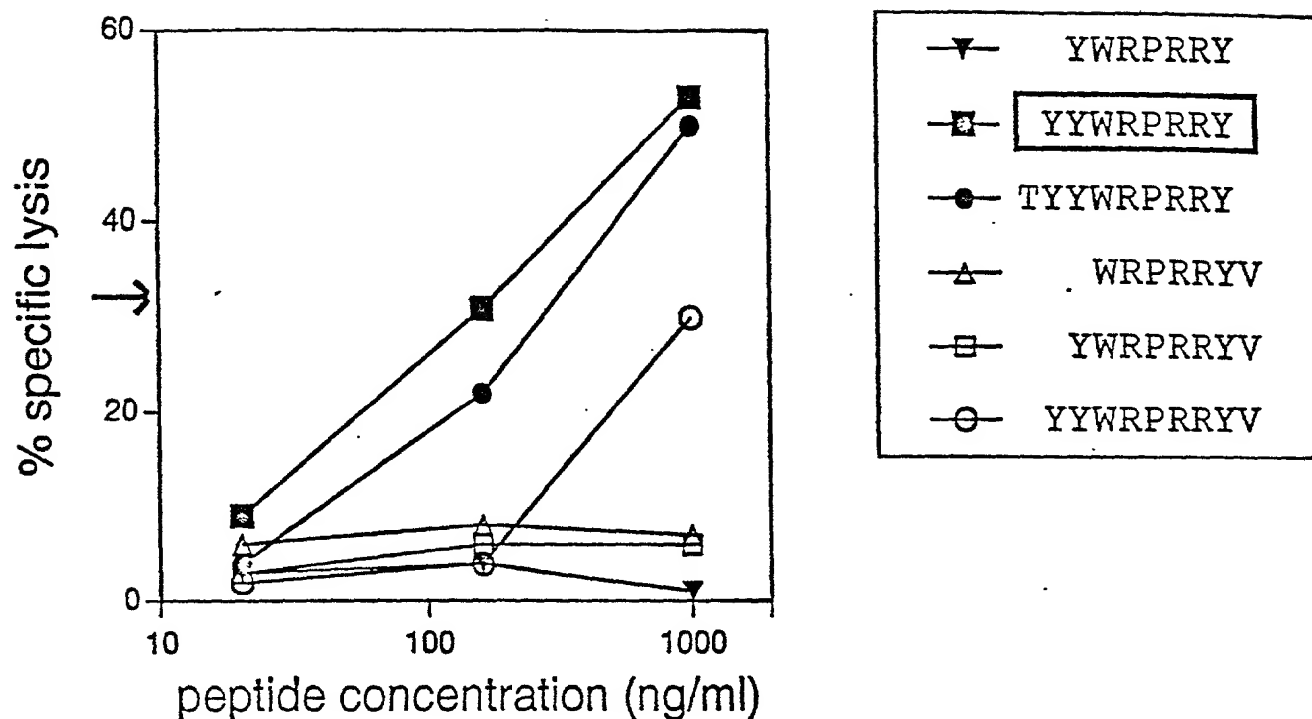


Figure 6 Lysis by MZ2-CTL 22/23 of lymphoblastoid cell line LB17-EBV incubated with GAGE-encoded peptide YYWRPRRY. Thousand  $^{51}\text{Cr}$ -labelled LB17-EBV target cells were incubated in 96 well microplates in the presence of various concentrations of peptide for 15 minutes at  $37^\circ\text{C}$ . An equal volume containing 6000 CTL was then added. Chromium release was measured after 4 hours at  $37^\circ\text{C}$ . We have indicated the final concentration of peptides during the incubation of the target cells with the CTL. The arrow indicates the percentage of lysis of MZ2-MEL.43 cells.